

**Office of the Comptroller of the Currency  
Federal Deposit Insurance Corporation  
Federal Reserve Board  
Office of Thrift Supervision**

**Interagency Policy Statement on the  
Allowance for Loan and Lease Losses (ALLL) <sup>1</sup>  
December 21, 1993**

**Nature and Purpose of the ALLL**

Federally-insured depository institutions (“institutions”) must maintain an ALLL at a level that is adequate to absorb estimated credit losses associated with the loan and lease portfolio, including all binding commitments to lend. <sup>2</sup> To the extent not provided for in a separate liability account, the A.LLL should also be sufficient to absorb estimated credit losses associated with off-balance sheet credit instruments such as standby letters of credit. <sup>3</sup>

For purposes of this policy statement, the term “estimated credit losses” means an estimate of the current amount of the loan and lease portfolio (net of un-earned income) that is not likely to be collected; that is, net charge-offs that are

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<sup>1</sup> This policy statement applies to all depository institutions insured by the Federal Deposit Insurance Corporation except for federally-insured branches and agencies of foreign banks. Federally-insured branches and agencies of foreign banks continue to be subject to any separate guidance that has been issued by their primary supervisory agency.

For savings associations, the ALLL is included in “general valuation allowances” (GVAs). GVAs may also be required on assets other than loans and leases.

<sup>2</sup> In the case of binding commitments to lend and off-balance sheet credit instruments, such losses represent the amount of loans and leases that will likely not be collected (given facts and circumstances as of the evaluation date) and, thus, will be charged off. For purposes of this policy statement, the loan and lease portfolio, binding commitments to lend and off-balance sheet credit commitments are referred to as “loans,” “loans and leases,” the “loan and lease portfolio” or the portfolio.”

<sup>3</sup> Recourse liability accounts (that arise from recourse obligations for any transfers of loans that are reported as sales for regulatory reporting purposes) should be reported as liabilities that are separate and distinct from the ALLL.

likely to be realized for a loan or pool of loans given facts and circumstances as of the evaluation date. These estimated credit losses should meet the criteria for accrual of a loss contingency (i.e., a provision to the ALLL) set forth in generally accepted accounting principles (GAAP). When available information confirms specific loans and leases, or portions thereof, to be uncollectible, these amounts should be promptly charged off against the ALLL.

Estimates of credit losses should reflect consideration of all significant factors that affect the collectibility of the portfolio as of the evaluation date. For individually-analyzed loans, these estimates should reflect consideration of the facts and circumstances that affect the repayment of such loans as of the evaluation date. For pools of loans, estimated credit losses should reflect consideration of the institution's historical net charge-off rate on pools of similar loans, *adjusted for changes in trends, conditions, and other relevant factors* that affect repayment of the loans in these pools as of the evaluation date. Methodologies for the determination of the historical net charge-off rate on a pool of loans can range from a simple average of an institution's net charge-off experience over a relevant period of years -- coupled with appropriate adjustments as noted above for factors that affect repayment -- to more complex techniques, such as migration analysis.

As discussed more fully below, for analytical purposes, an institution may attribute portions of the ALLL to individual loans or groups of loans. However, the ALLL is available to absorb all credit losses that arise from the loan and lease portfolio and is not segregated for, or allocated to, any particular loan or group of loans.

### **Responsibility of the Board of Directors and Management**

Adequate ALLL Level. It is the responsibility of the board of directors and management of each institution to maintain the ALLL at an adequate level.<sup>4</sup> For pur-

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<sup>4</sup> When Financial Accounting Standards Board (FASB) Statement No. 114, *Accounting by Creditors for Impairment of a Loan*, becomes effective, an "allowance for credit losses" must be calculated on a present value basis when a loan is impaired. FASB Statement No. 114 states that it "does *not* address how a creditor should assess the *overall adequacy* of the allowance for credit losses" (emphasis added), and that, in addition to the allowance for credit losses calculated under FASB Statement No. 114, a creditor should continue to recognize an ALLL necessary

poses of the Reports of Condition and Income (Call Report) and the Thrift Financial Report (TFR) an adequate ALLL should be no less than the sum of the following items *given facts and circumstances as of the evaluation* date (after deduction of all portions of the portfolio classified loss):

- (1) For loans and leases *classified substandard or doubtful*, whether analyzed and provided for individually or as part of pools, all estimated credit losses over the remaining effective lives of these loans.
- (2) For components of the loan and lease portfolio that are *not classified*, all estimated credit losses over the upcoming 12 months.<sup>5</sup>
- (3) Amounts for estimated losses from transfer risk on international loans.

Furthermore, when determining the appropriate level for the ALLL, management's analysis should be conservative so that the overall ALLL appropriately reflects a margin for the imprecision inherent in most estimates of expected credit losses. This additional margin for imprecision might be incorporated into the ALLL through the amounts attributed for analytical purposes to individual loans or groups of loans or in a portion of the ALLL that is not attributed to specific components of the loan portfolio.<sup>6</sup>

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to comply with FASB Statement No.5, *Accounting for Contingencies*. Furthermore, the guidance in FASB Statement No. 114 only applies to a subset of the loan and lease portfolio as the term is used in this policy statement (e.g., the FASB standard does not apply to leases, binding commitments to lend, and large groups of smaller-balance homogeneous loans that are collectively evaluated for impairment).

In contrast, this policy statement provides guidance on assessing the *overall adequacy* of the ALLL. At a later date, the federal bank and thrift regulatory agencies may issue further guidance on the application of FASB Statement No. 114 in the ALLL evaluation process.

<sup>5</sup> In certain circumstances, subject to examiner review, a net charge-off horizon of less than one year from the balance sheet date may be employed for components of the portfolio that have not been classified. For institutions with conservative charge-off policies, a charge-off horizon of less than one year might be appropriate for pools of loans that are neither classified, nor subject to greater than normal credit risk, and that have well-documented and highly predictable cash flows and loss rates, such as pools of certain smaller consumer installment or credit card loans. On the other hand, a net charge-off horizon of more than one year for loans that have not been classified might be appropriate until an institution's loan review function and credit grading system results in accurate and timely assessments of the portfolio. In such situations, an institution should expeditiously correct deficiencies in its loan review function and credit grading system.

<sup>6</sup> As discussed later in this policy statement, institutions are encouraged to segment their loan and lease portfolios into as many components as practical when analyzing the adequacy of the ALLL. Therefore, institutions are encouraged to reflect the margin for imprecision in amounts attributable for analytical purposes to these components of the portfolio, to the extent possible.

The adequacy of the ALLL should be evaluated as of the end of each quarter, or more frequently if warranted, and appropriate provisions made to maintain the ALLL at an adequate level as of each Call Report or Thrift Financial Report date. This evaluation will be subject to review by examiners.

Related Responsibilities. In carrying out their responsibility for maintaining an adequate ALLL, the board of directors and management are expected to:

- Ensure that the institution has an effective loan review system and controls (which include an effective credit grading system) that identify, monitor, and address asset quality problems in an accurate and timely manner. To be effective, the institution's loan review system and controls must be responsive to changes in internal and external factors affecting the level of credit risk in the portfolio.
- Ensure the prompt charge-off of loans, or portions of loans, that available information confirms to be uncollectible.
- Ensure that the institution's process for determining an adequate level for the ALLL is based on a comprehensive, adequately documented, and consistently applied analysis of the institution's loan and lease portfolio that considers all significant factors that affect the collectibility of the portfolio and supports the range of credit losses estimated by this process.

As discussed more fully in Attachment 1, it is essential that institutions maintain effective loan review systems, although smaller institutions would not be expected to maintain separate loan review departments. An effective loan review system should work to ensure the accuracy of internal credit grading systems and, thus, the quality of the information used to assess the adequacy of the ALLL. The complexity and scope of the institution's ALLL evaluation process, loan review system, and other relevant controls should be appropriate in view of the size of the institution and the nature of its lending activities, and provide for sufficient flexibility to accommodate changes in the factors that affect the collectibility of the portfolio.

Analysis of the Loan and Lease Portfolio

In determining the appropriate level of the ALLL, the institution should rely primarily on an analysis of the various components of its portfolio, including all significant credits on an individual basis. When analyzing the adequacy of the ALLL, institutions should segment their loan and lease portfolios into as many components as practical. Each component would normally have similar characteristics, such as risk classification, past due status, type of loan, industry or collateral. A depository institution may, for example, analyze the following components of its portfolio and provide for them in the ALLL:

- AR significant credits on an individual basis that are classified doubtful (or the institution's equivalent).
- All other significant credits reviewed individually. If no allocation can be determined for such credits on an individual basis, they should be provided for as part of an appropriate pool below.
- All other loans and leases that are not included by examiners or by the institution's credit grading system in the population of loans reviewed individually, but are delinquent or are classified or designated special mention (e.g., pools of smaller delinquent, special mention and classified commercial and industrial loans, real estate loans, consumer loans, and lease financing receivables).
- Homogeneous loans that have not been reviewed individually, or are not delinquent, classified, or designated as special mention (e.g., pools of direct consumer loans, indirect consumer loans, credit card loans, home equity lines of credit, and residential real estate mortgages).
- All other loans that have not been considered or provided for elsewhere (e.g., pools of commercial and industrial loans that have not been reviewed, classified, or designated special mention, standby letters of credit, and other off-balance sheet commitments to lend).

In addition to estimated credit losses, the losses that arise from the transfer risk associated with an institution's cross-border lending activities require special consideration. Over and above any minimum amount that is required by the Inter-agency Country Exposure Review Committee to be provided in the Allocated Transfer Risk Reserve (or charged against the ALLL), the institution must determine

that the ALLL is adequate to absorb all estimated losses from transfer risk associated with its cross-border lending exposure. (See Attachment 2 for factors to consider.)

#### Factors to Consider in the Estimation of Credit Losses

As previously mentioned, estimates of credit losses should reflect consideration of all significant factors that affect the collectibility of the portfolio as of the evaluation date. While historical loss experience provides a reasonable starting point for the institution's analysis, historical losses, or even recent trends in losses are not, by themselves, a sufficient basis to determine the appropriate level for the ALLL. Management should also consider any factors that are likely to cause estimated credit losses associated with the institution's current portfolio to differ from historical loss experience, including but not limited to:

- Changes in lending policies and procedures, including underwriting standards and collection, charge-off, and recovery practices.
- Changes in national and local economic and business conditions and developments, including the condition of various market segments.<sup>7</sup>
- Changes in the nature and volume of the portfolio.
- Changes in the experience, ability, and depth of lending management and staff.
- Changes in the trend of the volume and severity of past due and classified loans; and trends in the volume of nonaccrual loans, troubled debt restructurings and other loan modifications.
- Changes in the quality of the institution's loan review system and the degree of oversight by the institution's board of directors.
- The existence and effect of any concentrations of credit, and changes in the level of such concentrations.
- The effect of external factors such as competition and legal and regulatory requirements on the level of estimated credit losses in the institution's current portfolio.

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<sup>7</sup> Credit loss and recovery experience may vary significantly depending upon the business cycle. For example, an over reliance on recent credit loss experience during a period of economic growth will not result in realistic estimates of credit losses during a period of economic downturn.

Institutions are also encouraged to use ratio analysis as a supplemental check or tool for evaluating the overall reasonableness of the ALLL. Ratio analysis can be useful in identifying divergent trends (compared with the institution's peer group and its own historical practices) in the relationship of the ALLL to classified and non-classified loans and leases, to past due and nonaccrual loans and leases, to total loans and binding commitments, and to historical gross and net charge-offs. However, while such comparisons can be helpful as a supplemental check of the reasonableness of management's assumptions and analyses, they are not, by themselves, a sufficient basis for determining the adequacy of the ALLL. In particular, such comparisons do not obviate the need for a comprehensive analysis of the loan and lease portfolio and the factors affecting its collectibility.

### **Examiner Responsibilities**

Examiners will assess the asset quality of an institution's loan and lease portfolio and the adequacy of the ALLL. In the review and classification of the loan and lease portfolio, examiners should consider all significant factors that affect the collectibility of the portfolio, including the value of any collateral. In reviewing the adequacy of the ALLL, examiners will:

- Consider the quality of the institution's loan review system and management in identifying, monitoring, and addressing asset quality problems. This will include a review of the institution's credit grading system and loan review function.<sup>8</sup>
- Evaluate the ALLL evaluation process that management has followed to arrive at an overall estimate of the ALLL, and the related assumptions made by management, in order to ensure that the institution's historical loss experience and all significant factors that affect the collectibility of the portfolio (including changes in the quality of the institution's loan review function, and other factors previously discussed) have been appropriately considered.

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<sup>8</sup> The review of an institution's loan review system (including credit grading) by an examiner will usually include tests involving a sample of the institution's loans. If differences noted between examiner credit grades and those of the institution's loan review system indicate problems with the loan review system, especially where the credit grades assigned by the institution are more liberal than those assigned by the examiner, the institution would be expected to make appropriate adjustments to the assignment of its credit grades to the loan and lease portfolio and to its estimate of the ALLL. Furthermore, the institution would be expected to improve its loan review system. (Attachment 1 discusses effective loan review systems.)

- Review the overall level of the ALLL and the range of credit losses estimated by management for reasonableness in view of the factors discussed in the prior sections of this policy statement.
- Perform a quantitative analysis (e.g., using the types of ratio analysis previously discussed) as a check of the reasonableness of the ALLL.
- Review the adequacy of the documentation that has been maintained by management to support the adequacy of the ALLL.

After analyzing an institution's policies, practices, and historical credit loss experience, the examiner should further check the reasonableness of management's ALLL methodology by comparing the reported ALLL (after the deduction of all loans, or portions thereof, classified as loss) against the sum of the following amounts:

- (a) 50 percent of the portfolio that is classified doubtful;
- (b) 15 percent of the portfolio that is classified substandard; and
- (c) For the portions of the portfolio that have not been classified (including those loans designated special mention), estimated credit losses over the upcoming twelve months *given facts and circumstances as of the evaluation date* (based on the institution's average annual rate of net charge-offs experienced over the previous two or three years on similar loans, adjusted for current conditions and trends).<sup>9</sup>

This amount is neither a "floor" nor a "safe harbor" level for an institution's ALLL. However, examiners will view a shortfall relative to this amount as indicating a need to more closely review management's analysis to determine whether it is reasonable and supported by the weight of reliable evidence, and that all relevant factors have been appropriately considered.<sup>10</sup>

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<sup>9</sup> In cases where the institution has an insufficient basis for determining this amount, the examiner may use the industry-average net charge-off rate for nonclassified loans and leases.

<sup>10</sup> The weights of 50 percent and 15 percent for doubtful and substandard loans, respectively, are estimates of the industry's average loss experience over time on similarly classified credits. Because they represent the average industry experience, these weights do not take into account idiosyncratic factors that may be important for estimating expected credit losses for a particular institution, such as the composition of its portfolio; the quality of underwriting, collection, and loan review systems; and current economic conditions and trends. *Nor do these weights incorporate any additional margin to reflect the imprecision inherent in estimates of expected credit losses.*



In assessing the adequacy of the ALLL, it is important to recognize that the related process, methodology, and underlying assumptions require a substantial degree of judgment. Even when an institution maintains sound loan administration and collection procedures and effective internal systems and controls, the estimation of credit losses will not be precise due to the wide range of factors that must be considered. Further, the ability to estimate credit losses on specific loans and categories of loans improves over time as substantive information accumulates regarding the factors affecting repayment prospects. Therefore, examiners will generally accept managements estimates in their assessment of the adequacy of the ALLL when management has: (i) maintained effective systems and controls for identifying, monitoring and addressing asset quality problems in a timely manner, (ii) analyzed all significant factors that affect the collectibility of the portfolio in a reasonable manner, and (iii) established an acceptable ALLL evaluation process that meets the objectives for an adequate ALLL.

After the completion of all aspects of the ALLL review described in this section, if the examiner does not concur that the reported ALLL level is adequate or if the ALLL evaluation process is deficient or based on the results of an unreliable loan review system, recommendations for correcting these problems, including any examiner concerns regarding an appropriate level for the ALLL, should be noted in the report of examination.

### **ALLL Level Reflected in Regulatory Reports**

The agencies believe that an ALLL established in accordance with this policy statement will fall within the range of acceptable estimates developed in accordance with GAAP. When an institution's reported ALLL does not meet the ob-

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Due to such institution specific factors, including an institution's historical loss experience adjusted for current conditions and trends, in many cases an ALLL exceeding the sum of (a), (b), and (c) above might still be inadequate, while in other cases, the weight of evidence might indicate that an ALLL less than this amount is adequate. In all circumstances, for purposes of the Call Report or Thrift Financial Report, the reported ALLL should meet the standard for an adequate ALLL set forth in the section entitled "Responsibility of the Board of Directors and Management."

jectives for an adequate ALLL, the institution will be required to increase its provision for loan and lease losses expense sufficiently to restore the level of the ALLL reported on its Call Report or TFR to an adequate level as of the evaluation date.

**Attachment 1****Loan Review Systems**

The nature of loan review systems may vary based on an institution's size, complexity, and management practices. For example, a loan review system may include components of a traditional loan review function that is independent of the lending function, or it may place some reliance on loan officers. In addition, the use of the term "loan review system" can refer to various responsibilities assigned to credit administration, loan administration, problem loan workout, or other areas of an institution. These responsibilities may range from administering the internal problem loan reporting process, to maintaining the integrity of the credit grading process (e.g., ensuring that changes are made in credit grades as needed) and coordinating the information necessary to assess the adequacy of the allowance for loan and lease losses (ALLL). Regardless of the structure of the loan review system in an institution, at a minimum, an effective loan review system should have the following objectives:

- To promptly identify loans having potential credit weaknesses and appropriately classify loans with well-defined credit weaknesses that jeopardize repayment so that timely action can be taken and credit losses can be minimized;
- To project relevant trends that affect the collectibility of the portfolio and isolate potential problem areas;
- To provide essential information to determine the adequacy of the ALLL;
- To assess the adequacy of and adherence to internal credit policies and loan administration procedures and to monitor compliance with relevant laws and regulations;
- To evaluate the activities of lending personnel;
- To provide senior management and the board of directors with an objective and timely assessment of the overall quality of the loan portfolio; and

- To provide management with accurate and timely information related to credit quality that can be used for financial and regulatory reporting purposes.

### **Credit Grading Systems**

The foundation for any loan review system is accurate and timely credit grading, which involves an assessment of credit quality and leads to the identification of problem loans. An effective credit grading system provides important information on the collectibility of the portfolio for use in the determination of an adequate level for the ALLL.

Regardless of the particular type of loan review system employed, an effective credit grading framework generally places primary reliance on loan officers to identify emerging loan problems. However, given the importance and subjective nature of credit grading, a loan officer's judgment regarding the assignment of a particular credit grade to a loan may be subject to review by: (a) peers, superiors, or loan committees; (b) an independent, qualified part-time or full-time person(s); (c) an internal department staffed with credit review specialists; or (d) outside credit review consultants. A credit grading review that is independent of the lending function is the preferred approach because it typically provides a more conservative and realistic assessment of credit quality. Because accurate and timely credit grading is a critical component of an effective loan review system, each institution should ensure that its loan review system includes the following attributes:

- A formal credit grading system that can be reconciled with the framework used by the federal regulatory agencies;<sup>11</sup>
- An identification or grouping of loans that warrant the special attention of management;
- Documentation supporting the reason(s) why a particular loan merits special attention;
- A mechanism for direct, periodic and timely reporting to senior management and the board of directors on the status of loans identified as meriting special attention and the action(s) taken by management; and
- Appropriate documentation of the institution's credit loss experience for various components of its loan and lease portfolio.<sup>12</sup>

An institution should maintain a written description of its credit grading system, including a discussion of the factors used to assign appropriate credit grades to loans. Loan credit grades should reflect the risk of credit losses.

In addition, the loan review program should be in writing and reviewed and approved at least annually by the board of directors to evidence their support of and commitment to the system.

### **Loan Review System Elements**

The following discussion refers to the primary activities comprising a loan review system that were previously addressed, ranging from the credit administration function to the independent internal loan review function. An institution's written policy and documentation for its loan review system should address the following elements:

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<sup>11</sup> An institution may have a credit grading system that differs from the credit grading framework used by the federal banking agencies. However, each institution that maintains a credit grading system that differs from the agencies' framework should maintain documentation that translates its credit grading system into the pass-special mention-substandard-doubtful-loss credit grading framework used by the federal regulatory agencies. This documentation should be sufficient to enable examiners to reconcile the totals for the various credit grades under the institution's system to the agencies' categories listed above.

<sup>12</sup> Institutions are encouraged to maintain records of net credit loss experience for credits in each of the following categories: items not classified or designated as special mention, special mention, substandard, doubtful and loss.

- Qualifications of loan review personnel;
- Independence of loan review personnel;
- Frequency of reviews;
- Scope of reviews;
- Depth of reviews;
- Review of findings and follow-up; and
- Workpaper and report distribution, including distribution of reports to senior management and the Board of Directors.

#### Qualifications of Loan Review Personnel

Persons involved in the loan review function should be qualified based on level of education, experience, and extent of formal credit training; and should be knowledgeable in both sound lending practices and the institution's lending guidelines for the types of loans offered by the institution. In addition, these persons should be knowledgeable of relevant laws and regulations affecting lending activities.

#### Independence of Loan Review Personnel

An effective loan review system utilizes both the initial identification of emerging problem loans by loan officers, and the credit review of loans by individuals independent of the credit approval decisions. An important element of an effective system is to place responsibility on loan officers for continuous portfolio analysis and prompt identification and reporting of problem loans. Because of their frequent contact with borrowers, loan officers can usually identify potential problems before they become apparent to others. However, institutions should be careful to avoid over-reliance upon loan officers for identification of problem loans. Institutions should ensure that loans are also reviewed by individuals that do not have control over the loans they review and are not part of, or influenced by anyone associated with, the loan approval process.

While larger institutions typically establish a separate department staffed with credit review specialists, cost and volume considerations may not justify such a system in smaller institutions. In many smaller institutions, an independent committee of outside directors may fill this role. Whether or not the institution has an independent loan review department, the loan review function should report *directly* to the board of directors or a committee thereof (though senior management may be responsible for appropriate administrative functions so long as they do not compromise the independence of the loan review function).

#### Frequency of Reviews

Optimally, the loan review function can be used to provide useful continual feedback on the effectiveness of the lending process in order to identify any emerging problems. For example, the frequency of review of significant credits could be at least annually, upon renewal, or more frequently when internal or external factors indicate a potential for deteriorating credit quality in a particular type of loan or pool of loans. A system of ongoing or periodic portfolio reviews is particularly important to the ALLL determination process, which is dependent on the accurate and timely identification of problem loans.

#### Scope of Reviews

The review should cover all loans that are significant. Also, the review typically includes, in addition to all loans over a predetermined size, a sample of smaller loans; past due, nonaccrual, renewed and restructured loans; loans previously classified or designated as special mention by the institution or by its examiners; insider loans; and concentrations and other loans affected by common repayment factors. The percentage of the portfolio selected for review should provide reasonable assurance that the results of the review have identified the major problems in the portfolio and reflect its quality as a whole. Management should document that the scope of its reviews continues to identify major problems in the portfolio and reflect the portfolio's quality as a whole. The scope of loan reviews should be approved by the

institution's board of directors on an annual basis or when any significant changes to the scope of reviews are made.

### Depth of Reviews

These reviews should analyze a number of important aspects of selected loans, including:

- Credit quality;
- Sufficiency of credit and collateral documentation;
- Proper lien perfection;
- Proper approval by the loan officer and loan committees;
- Adherence to any loan agreement covenants; and
- Compliance with internal policies and procedures and laws and regulations.

Furthermore, these reviews should consider the appropriateness and timeliness of the identification of problem loans by loan officers.

### Review of Findings and Follow-up

Findings should be reviewed with appropriate loan officers, department managers, and members of senior management, and any existing or planned corrective action should be elicited for all noted deficiencies and identified weaknesses, including the time frames for correction. All noted deficiencies and identified weaknesses that remain unresolved beyond the assigned time frames for correction should be promptly reported to senior management and the board of directors.

### Workpaper and Report Distribution

A list of loans reviewed, the date of the review, and documentation (including summary analyses) to substantiate assigned classifications or designations of loans as special mention should be prepared on all loans reviewed. A report that



summarizes the results of the loan review should be submitted to the board of directors on at least a quarterly basis.<sup>13</sup> In addition to reporting current credit quality findings, comparative trends can be presented to the board of directors that identify significant changes in the overall quality of the portfolio. Findings should also address the adequacy of and adherence to internal policies, practices and procedures, and compliance with laws and regulations so that any noted deficiencies can be remedied in a timely manner.

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<sup>13</sup> The board of directors should be informed more frequently than quarterly when material adverse trends are noted.

## **Attachment 2**

### **International Transfer Risk Considerations**

With respect to international transfer risk, an institution should support its determination of the adequacy of its allowance for loan and lease losses by performing an analysis of the transfer risk, commensurate with the size and composition of the institution's exposure to each country. Such analyses should take into consideration the following factors, as appropriate:

- The institution's loan portfolio mix for each country (e.g., types of borrowers, loan maturities, collateral, guarantees, special credit facilities and other distinguishing factors);
- The institution's business strategy and its debt management plans for each country;
- Each country's balance of payments position;
- Each country's level of international reserves;
- Each country's established payment performance record and its future debt servicing prospects;
- Each country's socio-political situation and its effect on the adoption or implementation of economic reforms, in particular those affecting debt servicing capacity;
- Each country's current standing with multilateral and official creditors;
- The status of each country's relationships with bank creditors; and
- The most recent evaluations distributed by the Interagency Country Exposure Review Committee (ICERC) of the federal banking agencies.